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### Patent Search

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**Abstract:**

Abstract The current invention relates to a self-charging system for electric vehicles that is installed in the vehicle to convert the vehicle's motion into electrical energy continuously recharge the battery. The system between the body of the car and the back cabin is expanded to include two charging dynamos using a number of spiral threaded o-rings fastened to the wheels. The generators are attached to the crankshaft, which contains an electronic sensor. The sensor transmits the generators' energy to the battery package when the battery package is charged to between 75 and 85% so that the motor can move the vehicle forward smoothly. The concept provides a low-cost, straightforward way to charge the battery, obviating the necessity for this. electricity is accessible Having charging stations increases productivity, promotes the use of vehicles, and is environmentally friendly.

**Complete Specification**

**Description:FIELD OF THE INVENTION**

The current invention relates to a battery recharging system installed in an electrical vehicle, and an energy recovery system that uses the vehicle's movement as a source of electrical energy rather than relying on external charging stations.

**BACKGROUND OF THE INVENTION**

In comparison to internal combustion engine cars, an electrical vehicle is always the greatest choice because it is the cleanest, quietest, and most cost-effective mode of transportation. Due to the high cost of energy and hazards associated with limiting greenhouse gas emissions, electrical vehicles, particularly cars, are now widely used. Batteries that are already a part of the vehicle are used to power electrical vehicles, and they typically store enough energy to move the car around the city among cars. The batteries are mounted within the car and use the motion of the car to power itself rather than using an internal combustion engine.

Recently, fully electric vehicles have been introduced to the market with the intention of completely eliminating internal combustion. It's a good thing. The most frequent issue with electrical automobiles is the requirement for battery recharging in addition to the limitations on how far the installed battery can be moved before needing to be recharged. The previous art demonstrates that a replaceable battery must be installed so that it can be replaced with another recharged one, which resembles filling a gas tank.

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